

**Answer on Question #46392, Physics, Optics**

*Which of the following is NOT true of experiments involving curved mirrors?*

- image distance is negative for real image***
- object distance is positive*
- image distance is negative for virtual image*
- focal length is negative for convex mirrors*

The mirror equation assumed that image distance is negative when it is virtual image. Therefore, for experiments involving curved mirrors image distance is negative for virtual image but not for real image.